

Sheet 1 of 3

INFORMATION DISCLOSURE CITATION

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ATTY. DOCKET NO.

1331-222

SERIAL NO.

08/832,443

APPLICANT

Stephen D. WOLPE, et al

FILING DATE

April 3, 1997

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RA	4,350,683	9/82	GALFRE et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
WO 91/04274	4/91	PCT			
SU 1861261	4/88	Russian			
SU 1814655	5/88	Russian			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

✓	Dunlop et al, <u>Blood</u> , Vol. 79, No. 9, issued 01 May 1992, pages 2221-2225 "Demonstration of Stem Cell Inhibition and Myeloprotective Effects of SC/rhM1P1 alpha in vivo"
	Davatelis et al, <u>Journal of Experimental Medicine</u> , Vol. 157, issued June 1988, pages 1939-1944 "Cloning and Characterization of a cDNA for Murine Macrophage Inflammatory Protein (MIP), a Novel Monokine with Inflammatory and Chemokinetic Properties"
	Hunkapiller et al, <u>Methods in Enzymology</u> , Vol. 91, issued 1983, pages 227-236 "Isolation of Microgram Quantities of Proteins from Polyacrylamide Gels for Amino Acid Sequence Analysis"
	Lathe, <u>Journal of Molecular Biology</u> , Vol. 183, issued 1985, pages 1-12 "Synthetic Oligonucleotide Probes Deduced from Amino Acid Sequence Data. Theoretical and Practical Considerations."
	Ohtsuka et al, <u>Journal of Biological Chemistry</u> , Vol. 260, No. 5, issued 10 March 1985, pages 2605-2608 "An Alternative Approach to Deoxyoligonucleotides as Hybridization Probes by Insertion of Deoxyinosine at Ambiguous Codon Positions."
	Kozlov, V.A., et al, <u>Cell Tissue Kinet.</u> (1987), 20 485-491 "The effect of haemopoietic stem cell proliferation on the humoral immune response in mice."
	Eaves, C.J., et al <u>Blood</u> , V. 78, No. 1 (July 1), 1991:pp 110-117 "Mechanisms that Regulate the Cell Cycle Status of Very Primitive Hematopoietic Cells in Long-Term Human Marrow Cultures. II. Analysis of Positive and Negative Regulators Produced by Stromal Cells Within the Adherent Layer."
	Tejero, C., et al, <u>Br. J. Cancer</u> (1984), 50 335-341 "The cellular specificity of haemopoietic stem cell proliferation regulators."
	Graham, G.J., et al, <u>Nature</u> , V. 344, 29 March 1990, pp 442-444 "Identification and characterization of an inhibitor of haemopoietic stem cell proliferation."
	Lord, B.I., et al, <u>British Journal of haematology</u> , 1976, 34, 441 "An Inhibitor of Stem Cell Proliferation in Normal Bone Marrow."
	Lord, B.I., et al, <u>Blood Cells</u> , 6:581-593 (1980) "Sources of haemopoietic Stem Cell Proliferation: Stimulators and Inhibitors."
	Graham, G.J., et al, <u>Nature</u> , Vol. 344, 29 March 1990 "Identification and Characterization of an Inhibitor of Haemopoietic Stem Cell Proliferation."

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not cons
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Form PTO-FB-A820 (Also PTO-1449)

Sheet 2 of 3

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

<input checked="" type="checkbox"/>	Wolpe, S.D., et al, <u>J. Exp. Med.</u> @ The Rockefeller University Press, Vol. 167, Feb. 1988 570-581 "Macrophages Secrete A Novel Heparin-Binding protein With Inflammatory And Neutrophil Chemokinetic Properties."
<input checked="" type="checkbox"/>	Davatelis, G., et al, <u>Science</u> , Vol. 243, 24 Feb. 1989, 1066-1068 "Macrophage Inflammatory Protein - 1: A Prostaglandin-Independent Endogenous Pyrogen."
<input checked="" type="checkbox"/>	Broxmeyer, H.E., et al, <u>J. Exp. Med.</u> @ The Rockefeller University Press, Vol. 170, Nov. 1989, 1583-1594 "Myelopoietic Enhancing Effects of Murine Macrophage Inflammatory Proteins 1 and 2 on Colony Formation In Vitro By Murine And Human Bone Marrow Granulocyte/Macrophage Progenitor Cells."
<input checked="" type="checkbox"/>	Mundy, G.R., et al, <u>Nature</u> , Vol. 275, 14 Sept. 1978 "Loss of Immunoreactivity in Long-Term Bone Marrow Culture."
<input checked="" type="checkbox"/>	Eaves, A.C., et al, <u>CRC Critical Reviews in Oncology/Hematology</u> , Vol. 7, Issue 2 (1987) 125-138 "Clinical Significance of Long-Term Cultures of Myeloid Blood Cells."
<input checked="" type="checkbox"/>	Eaves, A.C., et al, <u>The Biology of Hematopoiesis</u> , Editor: N Daniak, Alan R. Liss, Inc, NY, NY "The Therapeutic Potential of Long-Term CML Marrow Cultures."
<input checked="" type="checkbox"/>	Tsyrova, I.G., et al, <u>Lukemia: Advances in Biology and Therapy - Progress and Controversies</u> , S326 (1988) "Improvement of Leukemic LTBMCM Establishment by Using Specific Inhibitor of Hematopoietic Stem Cell Proliferation."
<input checked="" type="checkbox"/>	Till, J.E., et al, <u>Radiation Research</u> 14, 213-222 (1961) "A Direct Measurement of the Radiation Sensitivity of Normal Mouse Bone Marrow Cells."
<input checked="" type="checkbox"/>	Becker, A.J., et al, <u>Blood</u> , Vol. 26, No. 3 (September) 1965, 296-308 "The Effect of Differing Demands for Blood Cell Production on DNA Synthesis by Hemopoietic Colony-Forming Cells of Mice."
<input checked="" type="checkbox"/>	Byron, J.W., <u>Nature</u> , Vol. 228 December 1970, 1204 "Effect of Steroids on the Cycling of Haemopoietic Stem Cells."
<input checked="" type="checkbox"/>	Lord, B.L., et al, <u>The Inhibitors of Hematopoiesis</u> , Vol. 162, pp 227-239 (1987) "Inhibitor of Haemopoietic CFU-S Proliferation: Assays, Production Sources and Regulatory Mechanisms."
<input checked="" type="checkbox"/>	Lord, B.L., et al, <u>Blood</u> , Vol. 79, No. 10 (May 15) 1992:pp 2605-2609 "Macrophage-Inflammatory Protein protects multipotent hematopoietic Cells From the Cytotoxic Effects of Hydroxyurea In Vivo."
<input checked="" type="checkbox"/>	Harrison, D.E., <u>Blood</u> , Vol. 78, No. 5 (September 2), 1991:pp 1237-1240 "Most Primitive Hematopoietic Stem Cells Are Stimulated To Cycle Rapidly After Treatment With 5-Fluorouracil."
<input checked="" type="checkbox"/>	Toksoz, D., et al, <u>Blood</u> , Vol. 55, No. 6 (June), 1980 "The Regulation of hemopoiesis in Long-term Bone Marrow Cultures. II. Stimulation and Inhibition of Stem Cell Proliferation."
<input checked="" type="checkbox"/>	Visser, Jan W.M., et al, <u>Blood Cells</u> (1988) 14:369-384 "Isolation of Spleen-Colony Forming Cells (CFU-s) Using Wheat Germ Agglutinin and Rhodamine 123 Labeling."
<input checked="" type="checkbox"/>	Whitlock, C., et al, <u>Ann. Rev. Immunol.</u> 1985 3:213-35 "In Vitro Analysis of Murine B-Cell Development."
<input checked="" type="checkbox"/>	Eaves, A.C., et al, <u>Blood Cells</u> (1988) 14:355-368 "Maintenance and proliferation Control of primitive Hemopoietic Progenitors in Long-Term Cultures of human Marrow Cells."
<input checked="" type="checkbox"/>	Phillips, G.L., et al, <u>Bone Marrow Transplantation</u> (1991), 8, 477-487 "Allogeneic Bone Marrow Transplantation Using Unrelated Donors: A Pilot Study of the Canadian Bone Marrow Transplant Group."

*Examiner

Mary B. 2/9

Date Considered

11-21-90

Sheet 3 of 3

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	WO 94/05785	3/94	PCT				X
	WO 92/11283	7/92	PCT			X	
	WO 90/13645	11/90	PCT			X	
	WO 93/09143	5/93	PCT			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

✓	Kriegler, A.B., et al, <u>Exp. Hematol.</u> , Vol. 9, No. 1, pp. 11-21, January 1981 "Identification of the "Factor" in Erythrocyte Lyses Which Enhances Colony Growth in Agar Cultures"
1	Moqattash, S., et al, <u>Acta Haematol.</u> , 1994; 92:182-186, "Hemopoietic Recovery from AZT Toxicity with Recombinant Hemoglobin in a Murine Model of AIDS"
1	Petrov, Rem V., et al, <u>Bioscience Reports</u> , Vol. 15, No. 1, 1995 "Myeloepitides: Bone Marrow Regulatory Mediators"
	Shaeffer, J.R., <u>The Journal of Biological Chemistry</u> , Vol. 269, No. 47, Issue of November 25, 1994, pp. 29530-29536, "Heterogeneity in the Structure of the Ubiquitin Conjugates of Human α Globin"
	Karelin, A.A., et al, <u>Peptides</u> , Vol. 16, No. 4, pp. 693-697, 1995 "Proteolytic Degradation of hemoglobin in Erythrocytes Leads to Biologically Active Peptides"
	Mueller, S., et al, <u>Blood</u> , 1995 Nov 15;86(10):1974-1974 "Purified Adult Hemoglobin Stimulates the Proliferation and Differentiation of Erythroid Progenitors"
✓	Swanson, et al, <u>BioTechnology</u> , Vol. 10, p. 557-559, May 1992, "Production of functional human hemoglobin in transgenic swine."

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Date Considered

11-21-09

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered.
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